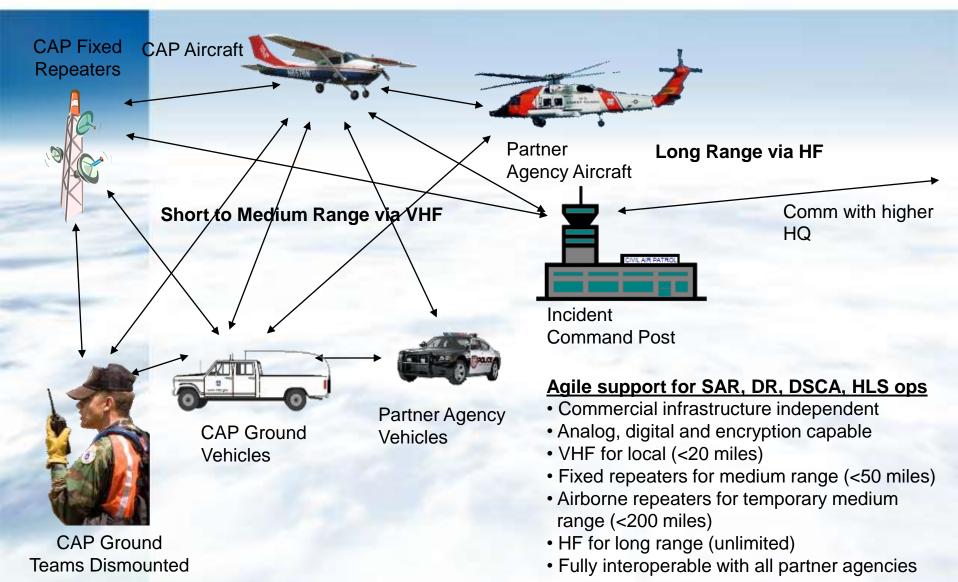


CAP Communications System





VHF-FM P25 Radio System

- Vehicles Aircraft Base stations
- 956 VHF-FM P-25 encryption capable base stations
- 2,914 VHF-FM P-25 encryption capable mobile radios
- 1,258 VHF-FM P-25 non encryption capable mobile radios
- 2,435 VHF-FM P-25 encryption capable portable (hand held) radio
- → AES and DES encryption capable
- → 850 VHF-FM analog mobile radios



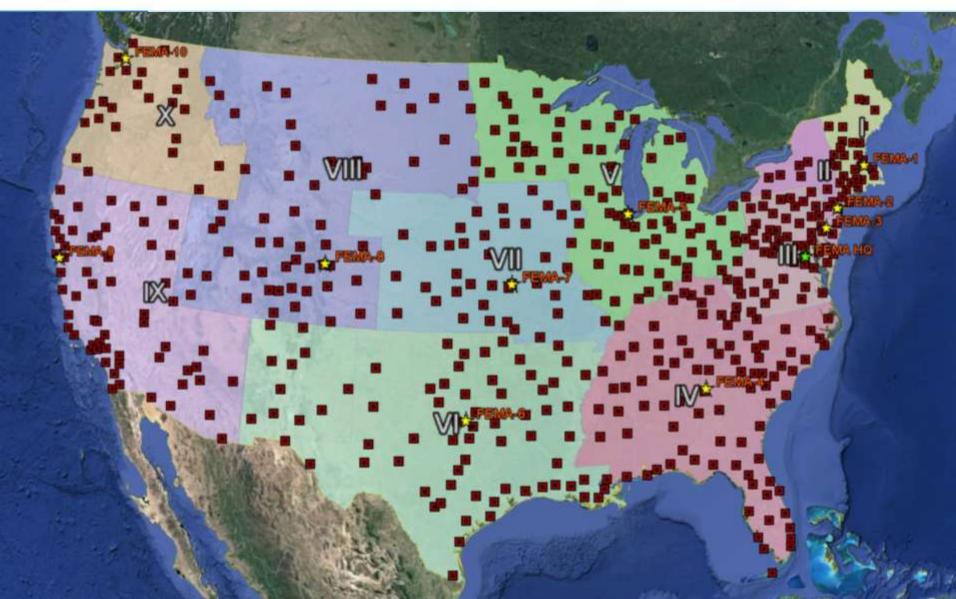


VHF-FM P25 Repeater Network

- 550 Motorola Quantar Repeaters
 - "Dual mode" Analog / P25 digital
 - Pass through capability for AES, DES and Type 1 encryption
 - → Federal frequencies (NTIA/USAF)
 - Many are co-located with other government systems in secure locations
 - Some with emergency back-up power



CONUS VHF-FM P25 Repeaters



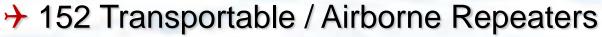


Transportable / Airborne Repeater Operations





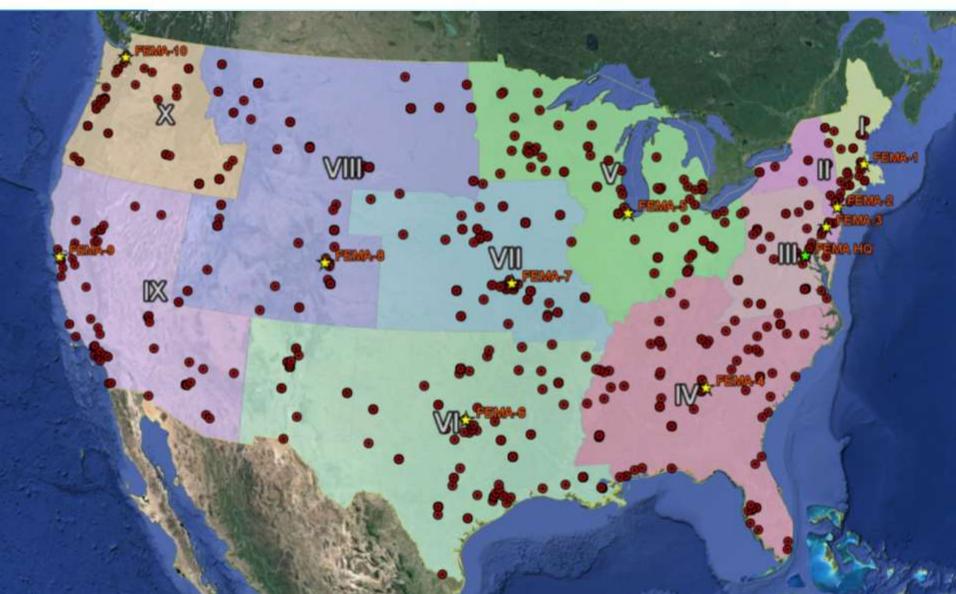




- → VHF/FM Dual Mode (analog/P25) secure capable
- Ground and air operations
- → Most CAP aircraft equipped to host
- → Thousands of square mile coverage
- → Other agency repeaters (VHF/UHF/800)
- Expandable capability



CONUS VHF-FM P25 Base Stations





HF Fixed and Mobile Operations



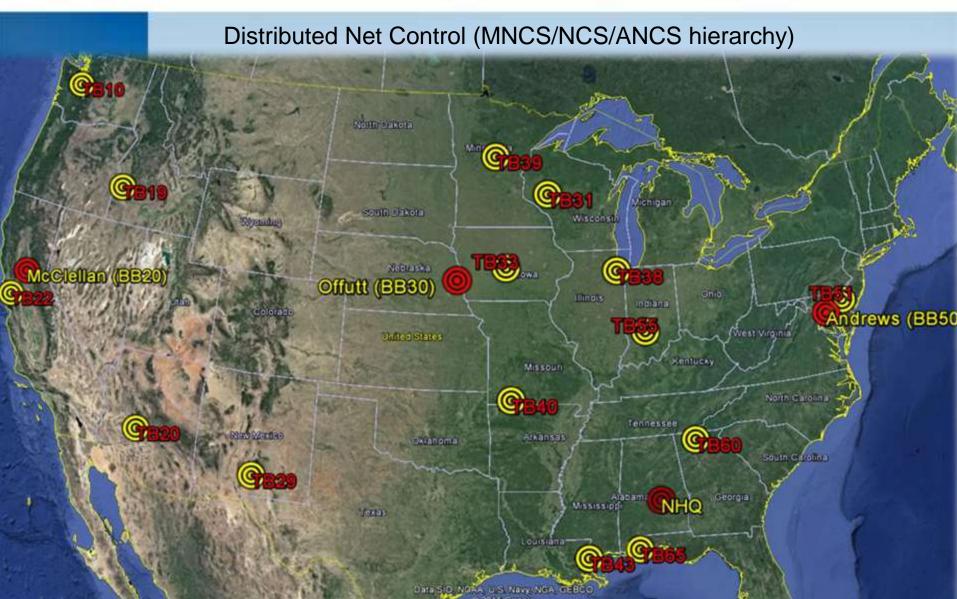


National Traffic Net



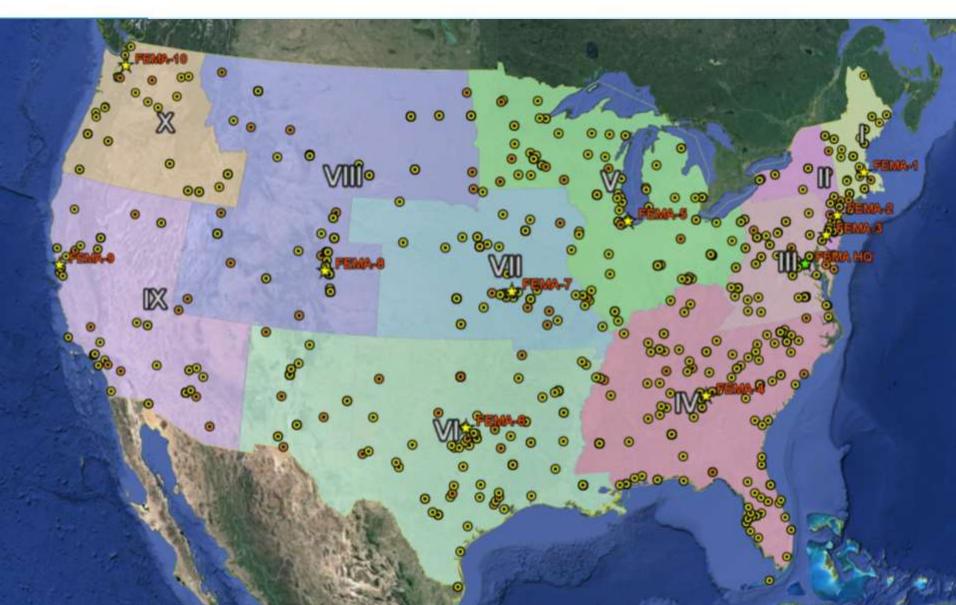


Triblade NCS Team





CONUS HF Fixed Stations





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Civil Air Patrol

